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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheet as necessary)		Application Number	10/630,594
		Filing Date	July 23, 2003
		First Named Inventor	Rudolf Braun
		Group Art Unit	
		Examiner Name	
Sheet 1 of 4	Attorney Docket Number	091-0187 (02-0178)	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
[Signature]		US- 6,799,619	10-05-2004	Holmes et al.	
		US- 6,692,681	02-17-2004	Lunde	
		US- 6,648,273	05-01-2003	Anast	
		US- 6,480,271	11-21-2002	Cloud et al.	
		US- 6,451,152	09-17-2002	Holmes et al.	
		US- 6,390,169	05-21-2002	Johnson	
		US- 6,364,250	04-02-2002	Brinck	
		US 6,205,239	03-20-2001	Lin et al.	
		US- 6,168,358	01-02-2001	Engwall et al.	
		US- 6,112,792	09-05-2000	Barr et al.	
		US- 6,086,696	07-11-2000	Gallagher	
		US- 6,074,716	06-13-2000	Tsotsis	
		US- 6,045,651	04-04-2000	Kline et al.	
		US- 6,013,341	01-11-2000	Medvedev et al.	
		US- 6,012,883	01-11-2000	Engwall et al.	
		US- 5,979,531	11-09-1999	Barr et al.	
		US- 5,963,660	10-05-1999	Koontz et al.	
		US- 5,871,117	02-16-1999	Protasov et al.	
		US- 5,814,386	09-29-1998	Vasiliev et al.	
		US- 5,804,276	09-08-1998	Jacobs et al.	

FOREIGN PATENT DOCUMENTS						
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[Signature]		DE 20 53 427 A	05-13-1971	Herd Und Ofenfabrik Koloseus		
		EP 0 198 744 A	10-22-1986	Aerospatiale		
		EP 046 015 A	02-17-1982	Albany Int Corp		

Examiner Signature	[Signature]	Date Considered	11/5/05
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<p>Sheet</p>	<p>2</p>	<p>of</p>	<p>4</p>
		<p>Attorney Docket Number</p>	<p>091-0187 (02-0178)</p>

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[Signature]		US- 5,746,553	05-05-1998	Engwall	
		US 5,700,337	12-23-1997	Jacobs et al.	
		US- 5,683,646	11-04-1997	Reiling, Jr.	
		US- 5,651,600	07-29-1997	Dorsey-Palmateer	
		US- 5,540,126	07-30-1996	Piramoon	
		US- 5,450,147	09-12-1995	Dorsey-Palmateer	
		US- 5,439,549	08-08-1995	Fryc et al.	
		US- 5,337,647	08-16-1994	Roberts et al.	
		US- 5,058,497	10-22-1991	Bishop et al.	
		US- 5,024,399	06-18-1991	Barquet	
		US 4,941,182	07-10-1990	Patel	
		US- 4,877,471	10-31-1989	McCowin et al.	
		US- 4,830,298	05-16-1989	Van Blunk	
		US- 4,790,898	12-13-1988	Woods	
		US- 4,780,262	10-25-1988	Von Volkli	
		US 4,760,444	07-26-1988	Nielson et al.	
		US- 4,699,683	10-13-1987	McCowin	
		US- 4,693,678	09-15-1987	Von Volkli	
		US- 4,608,220	08-26-1986	Caldwell	
		US- 4,548,859	10-22-1985	Kline et al.	

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Zh		US- 4,310,132	01-12-1982	Frosch	
		US- 4,064,534	12-20-1977	Chen et al.	
		US- 3,879,245	04-22-1975	Fetherson, et al.	
		US 3,692,601	09-19-1972	Hardesty et al.	
		US- 2002/0141632	10-03-2002	Engelbart et al.	
		US- 10/851,381			
		US 10/846,974	05-14-2004	Engelbart et al.	
		US- 10/822,538	03-12-2004	Engelbart et al.	
		US- 10/799,306		Engelbart et al.	
		US- 10/726,099		Engelbart et al.	
		US- 10/717,030		Johnson et al.	
		US- 10/664,148		Engelbart et al.	
		US- 10/646,509		Johnson et al.	
		US- 10/646,992		Engwall et al.	
		US- 10/646,316		New et al.	
		US- 10/628,691		Engelbart et al.	
		US- 10/301,949		Nelson	
		US- 10/217,806		Engelbart et al.	
		US- 10/068,735		Engelbart et al.	
		US- 11/001,803		Zaballos et al.	
		US 11/005,667		Lum et al.	

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Sheet	4	of	4
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when Appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<div style="font-size: 2em; font-family: cursive;">A</div>		http://www.cinmach.com/WolfTracks4_1/MTG_WT7.htm ; Premier I Features Lighter, Stronger All-Composite Fuselage, 3 pages	
		http://www.cinmach.com/compnews/PressReleases/pr00-11.htm ; Raytheon Aircraft Orders Four More Fiber Cinnati Fiber Placement Systems for Industry's First Composite-Fuselage Business Jets, 2 pages	
		http://www.rockymountaincomposites.com/wind_sys.htm ; Filament Winding, 2 pages	
		FIEDLER, L., et al., "Tango Composite Fuselage Platform", SAMPE Journal, Vol. 39, No. 1, January/February 2003, 1 page	
		BAe 146, Flight International, May 2, 1981, 2 pages	
		A Barrellful of Experience, Intervia, May 1992, 2 pages	
		Raytheon, March 2000, Vol. 4, No. 2, http://www.cts.com/king/vasci/newsletter/vol42.html , 2 pages	
		Business Aviation, June 7, 2002, http://www.aviation.com/avnow/news/channel/busav.jsp?view=story&id=news/btoyo0607.xml , 1 page	
		Beechcraft's Composite Challenge, http://www.aerotalk.com/beech.cfm , 2 pages	
		EVANS, Don O., "Fiber Placement", 3 pages, Cincinnati Machine, pages 477-479	
	AZCO CORP., http://www.azcocorp.com/products/sur-cut-quillotine-knife-assemblies.php , "SUR-CUT™ GUILLOTINE KNIFE ASSEMBLIES", 2004, Azco Corp., Fairfield, NJ, USA, 2 pages		
	"Mobility Solutions" ("Wheel Units"), http://www.maxmove.se/ , (August 2004) © MaxMove AB, Bjurholm, Sweden, 1 page		

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